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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=11; day=6; hr=10; min=30; sec=27; ms=512;]

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Application No: 10540845

Version No: 2.0

Input Set:

Output Set:

Started: 2008-10-10 14:28:12.765

Finished: 2008-10-10 14:28:15.250

Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 485 ms

Total Warnings: 19

Total Errors: 0

No. of SeqIDs Defined: 44

Actual SeqID Count: 44

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SEQUENCE LISTING

<110> Bienkowska, Jadwiga
Mcallister, Gregg

<120> Novel Preadipocyte Factor-1-Like Polypeptides

<130> ARS.113

<140> 10540845

<141> 2006-01-26

<150> US 60/436,815

<151> 2002-12-27

<160> 44

<170> PatentIn version 3.3

<210> 1

<211> 1663

<212> DNA

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<220>

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ctg ggg gct ccc ggt cag cct gtc cga gcc gat gac tgc agc tcc cac 217
Leu Gly Ala Pro Gly Gln Pro Val Arg Ala Asp Asp Cys Ser Ser His
20 25 30

tgt gac ctg gcc cac ggc tgc tgt gca cct gac ggc tcc tgc agg tgt 265
Cys Asp Leu Ala His Gly Cys Cys Ala Pro Asp Gly Ser Cys Arg Cys
35 40 45

gac ccg ggc tgg gag ggg ctg cac tgt gag cgc tgt gtg agg atg cct 313
Asp Pro Gly Trp Glu Gly Leu His Cys Glu Arg Cys Val Arg Met Pro
50 55 60

ggc tgc cag cac ggt acc tgc cac cag cca tgg cag tgc atc tgc cac 361
Gly Cys Gln His Gly Thr Cys His Gln Pro Trp Gln Cys Ile Cys His
65 70 75 80

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Ser Gly Trp Ala Gly Lys Phe Cys Asp Lys Gly Phe His Gly Arg Asp

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Asn Gly Gly Gln Cys Gln Asp Asp	Gln Gly Phe Ala Leu Asn Phe Thr		
115	120	125	
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165	170	175	
ttc tgc acc atc aac ctg gat gac tgt gcc agc cgc cca tgc cag aga			697
Phe Cys Thr Ile Asn Leu Asp Asp Cys Ala Ser Arg Pro Cys Gln Arg			
180	185	190	
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Ser Gly Tyr Gly Gly Lys Thr Cys Glu Leu Val Leu Pro Val Pro Asp			
210	215	220	
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Pro Pro Thr Thr Val Asp Thr Pro Leu Gly Pro Thr Ser Ala Val Val			
225	230	235	240
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Val Pro Ala Thr Gly Pro Ala Pro His Ser Ala Gly Ala Gly Leu Leu			
245	250	255	
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Arg Ile Ser Val Lys Glu Val Val Arg Arg Gln Glu Ala Gly Leu Gly			
260	265	270	
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Glu Pro Ser Leu Val Ala Leu Val Val Phe Gly Ala Leu Thr Ala Ala			
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Leu Val Leu Ala Thr Val Leu Leu Thr Leu Arg Ala Trp Arg Arg Gly			
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Val Cys Pro Pro Gly Pro Cys Cys Tyr Pro Ala Pro His Tyr Ala Pro			
305	310	315	320

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325 330 335

ccc ctg cca cgt gac ttg ccc cct gag cct gga aag acc aca gca ctg 1177
Pro Leu Pro Arg Asp Leu Pro Pro Glu Pro Gly Lys Thr Thr Ala Leu
340 345 350

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Cys Asp Leu Ala His Gly Cys Cys Ala Pro Asp Gly Ser Cys Arg Cys
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Asp Pro Gly Trp Glu Gly Leu His Cys Glu Arg Cys Val Arg Met Pro
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Gly Cys Gln His Gly Thr Cys His Gln Pro Trp Gln Cys Ile Cys His
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Ser Gly Trp Ala Gly Lys Phe Cys Asp Lys Gly Phe His Gly Arg Asp
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Cys Glu Arg Lys Ala Gly Pro Cys Glu Gln Ala Gly Ser Pro Cys Arg
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Asn Gly Gly Gln Cys Gln Asp Asp Gln Gly Phe Ala Leu Asn Phe Thr

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Asp Asp Cys Leu Met Arg Pro Cys Ala Asn Gly Ala Thr Cys Leu Asp				
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				160
Gly Ile Asn Arg Phe Ser Cys Leu Cys Pro Glu Gly Phe Ala Gly Arg				
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Phe Cys Thr Ile Asn Leu Asp Asp Cys Ala Ser Arg Pro Cys Gln Arg				
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Gly Ala Arg Cys Arg Asp Arg Val His Asp Phe Asp Cys Leu Cys Pro				
	195		200	205
Ser Gly Tyr Gly Gly Lys Thr Cys Glu Leu Val Leu Pro Val Pro Asp				
	210		215	220
Pro Pro Thr Thr Val Asp Thr Pro Leu Gly Pro Thr Ser Ala Val Val				
	225		230	235
				240
Val Pro Ala Thr Gly Pro Ala Pro His Ser Ala Gly Ala Gly Leu Leu				
	245		250	255
Arg Ile Ser Val Lys Glu Val Val Arg Arg Gln Glu Ala Gly Leu Gly				
	260		265	270
Glu Pro Ser Leu Val Ala Leu Val Val Phe Gly Ala Leu Thr Ala Ala				
	275		280	285
Leu Val Leu Ala Thr Val Leu Leu Thr Leu Arg Ala Trp Arg Arg Gly				
	290		295	300
Val Cys Pro Pro Gly Pro Cys Cys Tyr Pro Ala Pro His Tyr Ala Pro				
	305		310	315
				320
Ala Cys Gln Asp Gln Glu Cys Gln Val Ser Met Leu Pro Ala Gly Leu				
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Pro Leu Pro Arg Asp Leu Pro Pro Glu Pro Gly Lys Thr Thr Ala Leu				
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Gly	Thr	Cys	His	Gln	Pro	Trp	Gln	Cys	Ile	Cys	His	Ser	Gly	Trp	Ala	
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Gly	Lys	Phe	Cys	Asp	Lys	Gly	Phe	His	Gly	Arg	Asp	Cys	Glu	Arg	Lys	
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Ala	Gly	Pro	Cys	Glu	Gln	Ala	Gly	Ser	Pro	Cys	Arg	Asn	Gly	Gly	Gln	
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Cys	Gln	Asp	Asp	Gln	Gly	Phe	Ala	Leu	Asn	Phe	Thr	Cys	Arg	Cys	Leu	
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Val	Gly	Phe	Val	Gly	Ala	Arg	Cys	Glu	Val	Asn	Val	Asp	Asp	Cys	Leu	
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Met	Arg	Pro	Cys	Ala	Asn	Gly	Ala	Thr	Cys	Leu	Asp	Gly	Ile	Asn	Arg	
130				135					140							
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Gly	Lys	Thr	Cys	Glu	Leu	Val	Leu	Pro	Val	Pro	Asp	Pro	Pro	Thr	Thr	
		195					200					205				
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Gly	Pro	Ala	Pro	His	Ser	Ala	Gly	Ala	Gly	Leu	Leu	Arg	Ile	Ser	Val	
225				230					235					240		
Lys	Glu	Val	Val	Arg	Arg	Gln	Glu	Ala	Gly	Leu	Gly	Glu	Pro	Ser	Leu	
		245					250					255				
Val	Ala	Leu	Val	Val	Phe	Gly	Ala	Leu	Thr	Ala	Ala	Leu	Val	Leu	Ala	
		260					265					270				
Thr	Val	Leu	Leu	Thr	Leu	Arg	Ala	Trp	Arg	Arg	Gly	Val	Cys	Pro	Pro	
		275					280					285				
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290				295					300							
Gln	Glu	Cys	Gln	Val	Ser	Met	Leu	Pro	Ala	Gly	Leu	Pro	Leu	Pro	Arg	
305				310					315					320		
Asp	Leu	Pro	Pro	Glu	Pro	Gly	Lys	Thr	Thr	Ala	Leu					
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20 25 30

Cys Asp Leu Ala His Gly Cys Cys Ala Pro Asp Gly Ser Cys Arg Cys
35 40 45

Asp Pro Gly Trp Glu Gly Leu His Cys Glu Arg Cys Val Arg Met Pro
50 55 60

Gly Cys Gln His Gly Thr Cys His Gln Pro Trp Gln Cys Ile Cys His
65 70 75 80

Ser Gly Trp Ala Gly Lys Phe Cys Asp Lys Gly Phe His Gly Arg Asp
85 90 95

Cys Glu Arg Lys Ala Gly Pro Cys Glu Gln Ala Gly Ser Pro Cys Arg
100 105 110

Asn Gly Gly Gln Cys Gln Asp Asp Gln Gly Phe Ala Leu Asn Phe Thr
115 120 125

Cys Arg Cys Leu Val Gly Phe Val Gly Ala Arg Cys Glu Val Asn Val
130 135 140

Asp Asp Cys Leu Met Arg Pro Cys Ala Asn Gly Ala Thr Cys Leu Asp
145 150 155 160

Gly Ile Asn Arg Phe Ser Cys Leu Cys Pro Glu Gly Phe Ala Gly Arg
165 170 175

Phe Cys Thr Ile Asn Leu Asp Asp Cys Ala Ser Arg Pro Cys Gln Arg
180 185 190

Gly Ala Arg Cys Arg Asp Arg Val His Asp Phe Asp Cys Leu Cys Pro
195 200 205

Ser Gly Tyr Gly Gly Lys Thr Cys Glu Leu Val Leu Pro Val Pro Asp
210 215 220

Pro Pro Thr Thr Val Asp Thr Pro Leu Gly Pro Thr Ser Ala Val Val
225 230 235 240

Val Pro Ala Thr Gly Pro Ala Pro His Ser Ala Gly Ala Gly Leu Leu
245 250 255

Arg Ile Ser Val Lys Glu Val Val Arg Arg Gln Glu Ala Gly Leu Gly
260 265 270

Glu Pro Ser Leu Val Ala Leu Val Val Phe Gly Ala Leu Thr Ala Ala
275 280 285

Leu Val Leu Ala Thr Val Leu Leu Thr Leu Arg Ala Trp Arg Arg Gly
290 295 300

Val Cys Pro Pro Gly Pro Cys Cys Tyr Pro Ala Pro His Tyr Ala Pro
305 310 315 320

Ala Cys Gln Asp Gln Glu Cys Gln Val Ser Met Leu Pro Ala Gly Leu
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Pro Leu Pro Arg Asp Leu Pro Pro Glu Pro Gly Lys Thr Thr Ala Leu
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His His His His His His
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<213> homo sapiens

<400> 5

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Cys His Ser Gly Trp Ala Gly Lys Phe Cys Asp Lys Asp Glu His Ile
20 25 30

Cys Thr Thr Gln Ser Pro Cys Gln Asn Gly Gly Gln Cys Met Tyr Asp
35 40 45

Gly Gly Gly Glu Tyr His Cys Val Cys Leu Pro Gly Phe His Gly Arg
50 55 60

Asp Cys Glu Arg Lys Ala Gly Pro Cys Glu Gln Ala Gly Ser Pro Cys
65 70 75 80

Arg Asn Gly Gly Gln Cys Gln Asp Asp Gln Gly Phe Ala Leu Asn Phe
85 90 95

Thr Cys Arg Cys Leu Val Gly Phe Val Gly Ala Arg Cys Glu Val Asn
100 105 110

Val Asp Asp Cys Leu Met Arg Pro Cys Ala Asn Gly Ala Thr Cys Leu
115 120 125

Asp Gly Ile Asn Arg Phe Ser Cys Leu Cys Pro Glu Gly Phe Ala Gly
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Arg Phe Cys Thr Ile Asn Leu Asp Asp Cys Ala Ser Arg Pro Cys Gln

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Asp Pro Pro Thr Thr Val Asp Thr Pro Leu Gly Pro Thr Ser Ala Val						
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Val Val Pro Ala Thr Gly Pro Ala Pro His Ser Ala Gly Ala Gly Leu						
	210		215		220	
Leu Arg Ile Ser Val Lys Glu Val Val Arg Arg Gln Glu Ala Gly Leu						
225		230		235		240
Gly Glu Pro Ser Leu Val Ala Leu Val Val Phe Gly Ala Leu Thr Ala						
	245		250		255	
Ala Leu Val Leu Ala Thr Val Leu Leu Thr Leu Arg Ala Trp Arg Arg						
	260		265		270	
Gly Val Cys Pro Pro Gly Pro Cys Cys Tyr Pro Ala Pro His Tyr Ala						
	275		280		285	
Pro Ala Cys Gln Asp Gln Glu Cys Gln Val Ser Met Leu Pro Ala Gly						
	290		295			